

Project Title	Funding	Strategic Plan Objective	Institution
Characterizing autism-related intellectual impairment and its genetic mechanisms	\$120,472	Q1.S.B	The Children's Hospital of Philadelphia
The impact of uncertainty in genome-wide testing for autism spectrum disorder	\$200,000	Q1.S.E	University of Pennsylvania
Gene dosage imbalance in neurodevelopmental disorders	\$662,379	Q1.S.E	Weis Center for Research - Geisinger Clinic
Early social and emotional development in toddlers at genetic risk for autism	\$354,246	Q1.L.A	University of Pittsburgh
Postural and vocal development during the first year of life in infants at heightened biological risk for AS	\$0	Q1.L.A	University of Pittsburgh
Development of Vocal Coordination between Caregivers and Infants at Heightened Biological Risk for Autism Spectrum Disorder	\$25,000	Q1.L.A	University of Pittsburgh
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	Carnegie Mellon University
Autoimmunity against novel antigens in neuropsychiatric dysfunction	\$307,200	Q2.S.A	University of Pennsylvania
Presynaptic Fragile X Proteins	\$249,000	Q2.S.D	Drexel University
Phenotypic characterization of MECP2 mice	\$64,742	Q2.S.D	Children's Hospital of Philadelphia
Characterizing 22q11.2 abnormalities	\$62,498	Q2.S.D	Children's Hospital of Philadelphia
Genetic contribution to language-related preclinical biomarkers of autism	\$63,513	Q2.S.D	University of Pennsylvania
GABA and Gamma-band Activity: Biomarker for ASD?	\$25,000	Q2.S.D	University of Pennsylvania
The role of genetics in communication deficits in autism spectrum disorders	\$0	Q2.S.D	University of Pennsylvania
Early life seizures disrupt critical period plasticity	\$429,559	Q2.S.E	University of Pennsylvania
Assessing sleep regulation, sleep-dependent memory consolidation, and sleep-dependent synaptic plasticity in mouse genetic models of schizophrenia and autism spectrum disorders	\$32,469	Q2.S.E	University of Pennsylvania
Identifying the gene in 17q12 responsible for neuropsychiatric phenotypes	\$228,375	Q2.S.G	Geisinger Clinic
Simons Variation in Individuals Project (VIP) Functional Imaging Site	\$419,819	Q2.S.G	The Children's Hospital of Philadelphia
Statistical methodology and analysis of the Simons Simplex Collection and related data	\$80,389	Q2.S.G	University of Pennsylvania
Simons Variation in Individuals Project (VIP) Recruitment Core and Phase 2 Coordination Site	\$168,626	Q2.S.G	Geisinger Clinic, Weis Center for Research
Simons Variation in Individuals Project (Simons VIP) Functional Imaging Site and Structural Imaging/Phenotyping Site	\$0	Q2.S.G	Children's Hospital of Philadelphia
Comprehensive phenotypic characterization of the 17q12 deletion syndrome	\$125,000	Q2.S.G	Weis Center for Research - Geisinger Clinic

Project Title	Funding	Strategic Plan Objective	Institution
Simons Variation in Individuals Project (VIP) Recruitment Coordination Site	\$216,139	Q2.S.G	Weis Center for Research - Geisinger Clinic
Simons Variation in Individuals Project (VIP) Structural Imaging and Phenotyping Site - SCAP-local	\$260,788	Q2.S.G	The Children's Hospital of Philadelphia
Quantifiable markers of ASD via multivariate MEG-DTI combination	\$257,169	Q2.L.B	University of Pennsylvania
Reliability of Sensory-Evoked Activity in Autism Spectrum Disorders- Project 1	\$0	Q2.L.B	Carnegie Mellon University
A study of autism	\$0	Q2.L.B	University of Pennsylvania
CDI-TYPE II: From language to neural representations of meaning	\$0	Q2.Other	Carnegie Mellon University
Functional connectivity in autism spectrum disorders	\$251,250	Q2.Other	Children's Hospital of Philadelphia
Transcriptional responsiveness in lymphoblastoid cell lines	\$0	Q2.Other	University of Pennsylvania
Magnetoencephalographic studies of lexical processing and abstraction in autism	\$291,317	Q2.Other	University of Pennsylvania
Probing the temporal dynamics of aberrant neural communication and its relation to social processing deficits in autism spectrum disorders	\$29,987	Q2.Other	University of Pittsburgh
Testing the hyperspecificity hypothesis: A neural theory of autism	\$189,836	Q2.Other	Children's Hospital of Philadelphia
Unreliability of neuronal responses in mouse models of autism	\$62,500	Q2.Other	Carnegie Mellon University
Structural and functional neuroimaging of the auditory system in autism	\$157,938	Q2.Other	Children's Hospital of Philadelphia
Using high definition fiber tracking to define developmental neurobiologic mechanisms & a neural basis for behavioral heterogeneity	\$0	Q2.Other	Carnegie Mellon University
Novel computational methods for higher order diffusion MRI in autism	\$601,657	Q2.Other	University of Pennsylvania
Cognitive control of emotion in autism	\$102,004	Q2.Other	University of Pittsburgh
Development of ventral stream organization	\$137,338	Q2.Other	University of Pittsburgh
3/4 - The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$276,478	Q3.S.A	University of Pittsburgh
Prenatal Androgen in Meconium and Early Autism Spectrum Disorder Related Neurodevelopmental Outcomes	\$29,423	Q3.S.H	Drexel University
Early life environmental exposures and autism in an existing Swedish birth cohort	\$0	Q3.S.H	Drexel University
Early autism risk longitudinal investigation (EARLI) network	\$411,571	Q3.L.A	Drexel University

Project Title	Funding	Strategic Plan Objective	Institution
Evaluating epidemiological and biostatistical challenges in the EARLI investigation	\$0	Q3.L.A	Drexel University
3/3-Sequencing autism spectrum disorder extended pedigrees	\$153,600	Q3.L.B	University of Pennsylvania
Mitochondria and the etiology of autism	\$350,000	Q3.L.B	The Children's Hospital of Philadelphia
Prenatal PBDE exposure and ASD-related developmental outcomes in the EARLI cohort	\$150,000	Q3.L.C	Drexel University
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Pennsylvania	\$1,050,000	Q3.L.D	University of Pennsylvania/Children's Hospital of Philadelphia
A history of behavioral genetics	\$0	Q3.Other	University of Pittsburgh
Comprehensive Phenotyping of Autism Mouse Models	\$416,495	Q4.S.B	The University of Pennsylvania
Adverse prenatal environment and altered social and anxiety-related behaviors	\$15,000	Q4.S.B	University of Pennsylvania
Examination of the mGluR-mTOR pathway for the identification of potential therapeutic targets to treat fragile X	\$0	Q4.S.B	University of Pennsylvania
Misregulation of microtubule dynamics in Autism	\$60,000	Q4.S.B	Drexel University
5/5-Randomized trial of parent training for young children with autism	\$226,771	Q4.S.D	University of Pittsburgh
Efficacy and sustainability of the STAR program	\$0	Q4.S.D	University of Pennsylvania
Evidence-based cognitive rehabilitation to improve functional outcomes for young adults with autism spectrum disorders	\$0	Q4.S.F	University of Pittsburgh
A randomized clinical trial of cognitive enhancement therapy for adults with autism spectrum disorders	\$0	Q4.S.F	University of Pittsburgh
Tailored behavioral intervention for insomnia in children with autism spectrum disorders	\$0	Q4.S.H	University of Pennsylvania
Effects of incidental teaching on expressive language of school age children with ASD who use AAC	\$27,344	Q4.L.D	Pennsylvania State University
SBIR Phase I: A consumer robot designed to help children with autism spectrum disorders practice critical social skills	\$0	Q4.Other	Interbots LLC
Assessing interactive avatars for use with children with autism	\$72,883	Q4.Other	Carnegie Mellon University
Adapting cognitive enhancement therapy for ASD	\$211,536	Q4.Other	University of Pittsburgh
The BUFFET Program: Building Up Food Flexibility and Exposure Treatment	\$53,104	Q4.Other	Children's Hospital of Philadelphia
(SDAS) Access to Therapy for Children with Autism: A Population-Based Analysis	\$100,000	Q5.S.A	Thomas Jefferson University
The effects of State and Federal insurance policies on quality of care for autism	\$406,574	Q5.S.A	Pennsylvania State University

Project Title	Funding	Strategic Plan Objective	Institution
Do access barriers to autism care persist despite autism insurance mandate?	\$273,622	Q5.S.A	Pennsylvania State University
Multi-Site, Randomized, Controlled Implementation Trial of an Evidence-Based, Adult and Peer-Mediated Social Skills Intervention for Elementary School Children with Autism Spectrum Disorder	\$40,000	Q5.S.C	University of Pennsylvania
Increasing ASD screening and referral among NYC's Korean Americans	\$79,680	Q5.L.A	University of Pennsylvania
Partners in Schools: A program for parents and teachers of children with autism	\$47,114	Q5.L.A	University of Pennsylvania
Project IMPRESS - Interactive Master's: Preparing, Responding, Enhancing School-based Speech-Language Pathologists	\$0	Q5.L.C	Bloomsburg University of Pennsylvania
Penn State AAC Leadership Project: Preparing faculty in AAC research & personnel preparation to improve services & results for high-need children with severe communication disorders	\$249,998	Q5.L.C	Pennsylvania State University-Univ Park -- Assoc Dean Research - Hhd Health & Human Development - Assoc Dean Research - Hhd Health & Human Development
Partners in Schools: A program for parents and teachers of children with autism	\$5,000	Q5.L.C	University of Pennsylvania
Penn State Children's Communicative Competence Project	\$249,963	Q5.Other	Pennsylvania State University-Univ Park
Early intervention/early childhood special education autism specialization	\$250,000	Q5.Other	University Of Pittsburg
Evaluating the effects of autism insurance mandates	\$690,492	Q5.Other	University of Pennsylvania
Clinical algorithm for identifying adult autism	\$240,000	Q6.S.C	University of Pennsylvania
Stress as a Predictor of Outcomes for Adults with Autism Spectrum Disorders	\$29,500	Q6.Other	University of Pittsburgh
Autism Treatment Network (ATN) 2011- U of Pittsburgh	\$140,000	Q7.N	University of Pittsburgh
Autism Treatment Network (ATN) 2011- CHOP	\$140,000	Q7.N	Children's Hospital of Philadelphia
Creating the Developmental-Behavioral Pediatrics Research Network	\$275,000	Q7.N	Children's Hospital of Philadelphia

